

Running Connections

In the tree of the Server Management snap-in, select the "Running Connections" node to display the corresponding pane.



This chapter covers the following topics:

- Elements of the Running Connections Pane
 - Displaying the Session Properties
 - Sending a Message to a Connection
 - Deleting a Connection
 - Switching Tracing On and Off
 - Switching Statistics On and Off
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Elements of the Running Connections Pane

The Running Connections pane is only shown when the Entire Screen Builder Server has been started and when running connections are available. When the Entire Screen Builder Server has been stopped or if Entire Screen Builder Server has no running connections, the corresponding message is shown.

When running connections are available, the Running Connections pane is shown in the console window.







Session Name	Session Type	Session ID	Client Name	Client IP	User Name	Viewer	Trace	Statistics
 BS2000	BS2000	3	PCKOL1	157.189.170.72	anonymous	Terminal	Inactive	Disabled
 ibm1	TN3270	1	PCKOL1	157.189.170.72	anonymous	GUI	Inactive	Disabled

The following topics describe the elements of the Running Connections pane:

- Toolbar
- Running Connections

Toolbar

The following toolbar buttons are available:

	Delete connection
	Display properties
	Refresh list of running connections
	Send message
	Switch tracing
	Switch statistics

Note:

Some toolbar buttons are only shown when a session has been selected in the Running Connections pane.

Running Connections

When running connections are available, the Running Connections pane contains several columns providing the following information:

- The name of the host session.
- The type of host session (for example, TN3270).
- The session ID that was automatically created when this host session has been added.
- The name of the PC from which the connection has been established.
- The IP address of the PC from which the connection has been established.
- The name of the defined user. When a user logs on anonymously, the string "anonymous" is shown.
- The type of version: "GUI", "Terminal" or "XML".
- Trace status of the host session: "inactive" or "active".
- Statistics status of the host session: "disabled" or "enabled".

Note:

It is possible to remove columns from the Running Connections pane. See *Customizing the Columns*.

Displaying the Session Properties

The session properties show more detailed information about a host session.

To display the session properties

- Select the desired connection and from the **Action** menu, choose **Properties**.

Or:

Select the desired connection and from the context menu, choose **Properties**.

Or:

Select the desired connection and choose the following toolbar button:



Or:

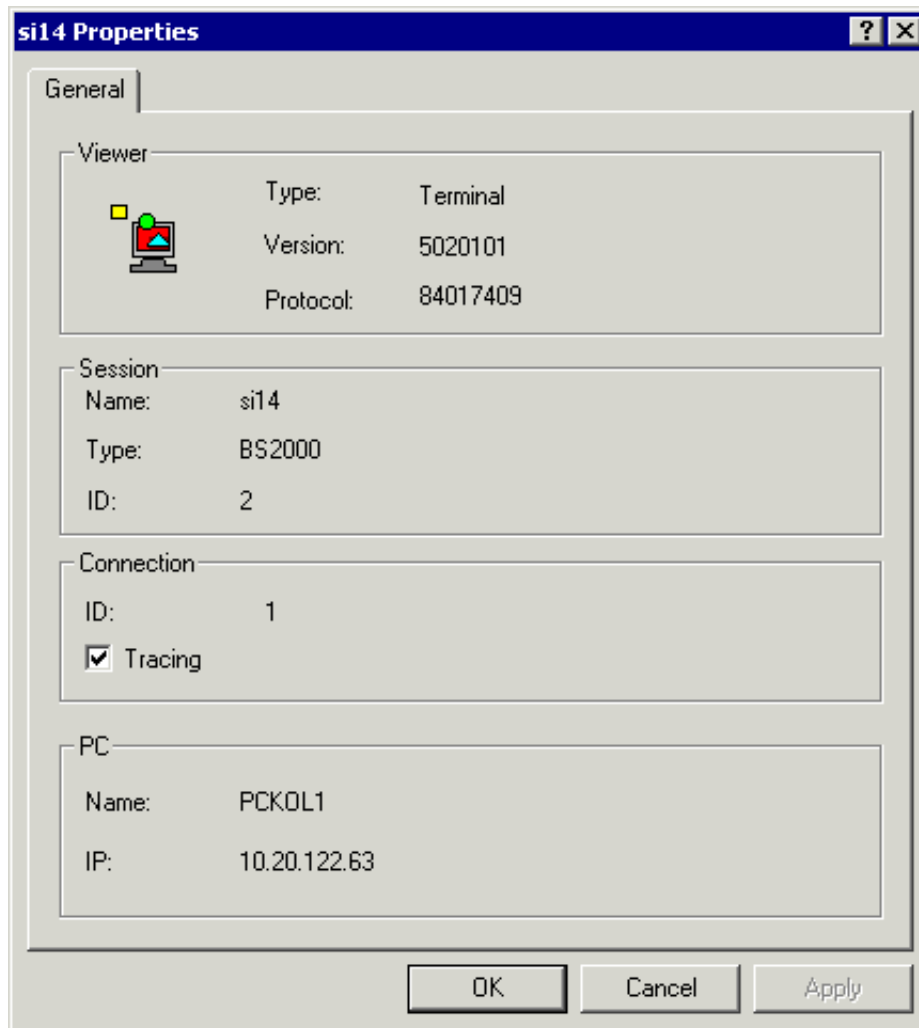
Double-click the desired connection.

The following pages are available in the resulting dialog box:

- General
- Statistics

General

This page is always shown.



The screenshot shows a Windows-style dialog box titled "si14 Properties". It has a "General" tab selected. The dialog is divided into four sections: "Viewer", "Session", "Connection", and "PC".

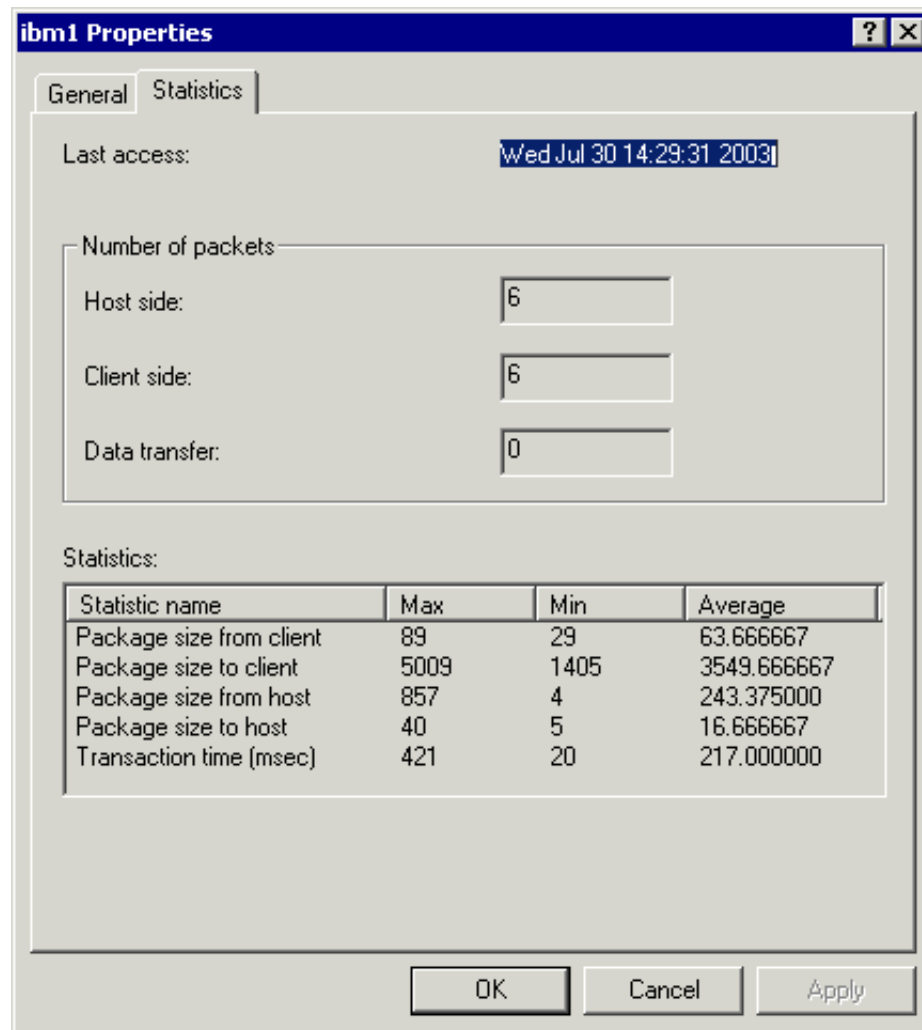
- Viewer:** Contains a small icon of a monitor with a red and blue triangle. To its right, the following fields are displayed:
 - Type: Terminal
 - Version: 5020101
 - Protocol: 84017409
- Session:** Contains the following fields:
 - Name: si14
 - Type: BS2000
 - ID: 2
- Connection:** Contains the following fields:
 - ID: 1
 - ☒ Tracing
- PC:** Contains the following fields:
 - Name: PCKOL1
 - IP: 10.20.122.63

At the bottom of the dialog are three buttons: "OK", "Cancel", and "Apply".

It is possible to switch tracing on and off. See also: *Switching Tracing On and Off*.

Statistics

This page is only shown when statistics have been enabled for a session. See *Switching Statistics On and Off*.



The image shows a Windows-style dialog box titled "ibm1 Properties". It has two tabs: "General" and "Statistics", with "Statistics" currently selected. The "Last access:" field shows "Wed Jul 30 14:29:31 2003". Below this, there is a section titled "Number of packets" containing three input fields: "Host side:" with the value "6", "Client side:" with the value "6", and "Data transfer:" with the value "0". At the bottom of the dialog, there are "OK", "Cancel", and "Apply" buttons.

ibm1 Properties

General Statistics

Last access: Wed Jul 30 14:29:31 2003

Number of packets

Host side: 6

Client side: 6

Data transfer: 0

Statistics:

Statistic name	Max	Min	Average
Package size from client	89	29	63.666667
Package size to client	5009	1405	3549.666667
Package size from host	857	4	243.375000
Package size to host	40	5	16.666667
Transaction time (msec)	421	20	217.000000

OK Cancel Apply

Sending a Message to a Connection

You can send a message to a connection.

▶ To send a message

1. Select the desired connection.
2. From the **Action** menu, choose **Send Message**.

Or:

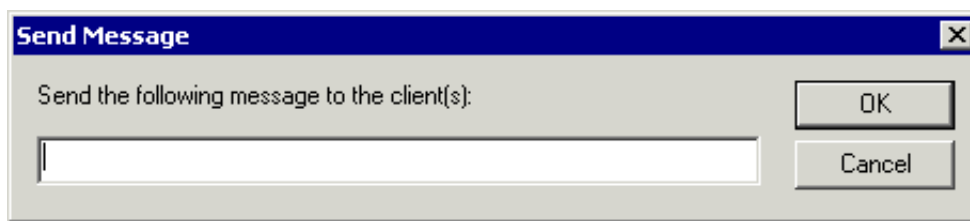
From the context menu, choose **Send Message**.

Or:

Choose the following toolbar button:



The Send Message dialog box appears.

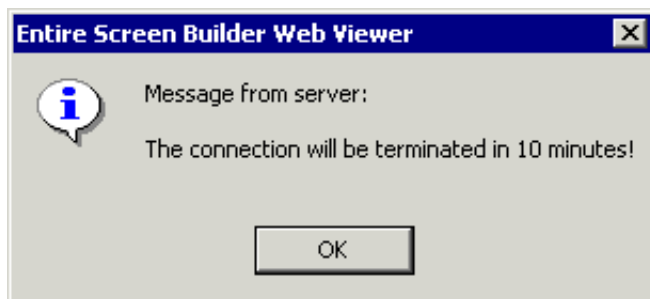


3. Enter the desired message.

For example: "The connection will be terminated in 10 minutes!".

4. Choose the **OK** button.

The message is immediately shown in the on the client side. For example:



Deleting a Connection

When you delete a connection from the Running Connections pane, this connection is terminated (that is: the corresponding browser window is closed).

▶ To delete a connection

1. Select the desired connection(s).
2. From the **Action** menu, choose **Delete**.

Or:

From the context menu, choose **Delete**.

Or:

Choose the following toolbar button:



Or:

Press DEL.

A dialog box appears, asking whether you really want to delete the selected connection(s).

3. Choose the **Yes** button to delete the selected connection(s).

▶ To delete all connections

1. From the **Action** menu, choose **Delete All**.

Note:

The **Delete All** command is only available when a session has not been selected.

Or:

From the context menu, choose **Delete All**.

A dialog box appears, asking whether you really want to delete all running connections.

2. Choose the **Yes** button to delete all running connections.

Switching Tracing On and Off

You can activate/deactivate tracing for the selected connection. This function is intended for problem analysis. It should only be used under supervision of your technical support.

Note:

It is also possible to switch tracing on and off using the Properties dialog box. See *Displaying the Properties*.



To switch tracing on and off

1. Select the desired connection.
2. From the **Action** menu, choose **Tracing**.

Or:

From the context menu, choose **Tracing**.

Or:

Choose the following toolbar button:



When tracing has been switched on, a checkmark is shown next to the above menu command.

Switching Statistics On and Off

You can enable/disable statistics for the selected connection.

When statistics have been enabled, the Statistics page is shown in the properties dialog box. See *Displaying the Session Properties*.

To switch statistics on and off

1. Select the desired connection.
2. From the **Action** menu, choose **Statistics**.

Or:

From the context menu, choose **Statistics**.

Or:

Choose the following toolbar button:



When statistics have been switched on, a checkmark is shown next to the above menu command.